



Instruction Manual

To ensure maximum performance and safety, please follow this manual. Please retain the manual for future reference after installation

OWNERS MANUAL

Model: DELTABOX BASS GENERATOR

Congratulations on purchasing your VIBE DeltaBox bass Generator Please read this manual in order to fully understand how to get the best results from your DeltaBox Please ensure that all advice on how to look after your bass generator is followed.

Thank you for buying VIBE, we hope you enjoy listening to your product as much as we enjoyed creating it.

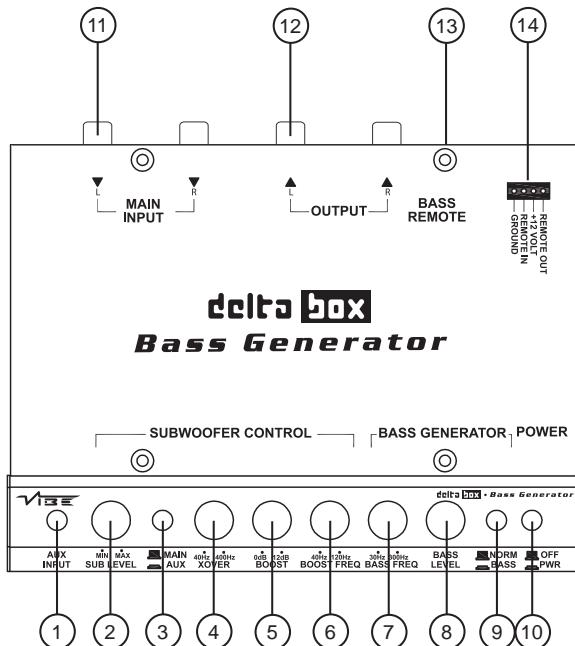
VIBE R&D Division

WARNING :

This product is capable of causing permanent damage to your subwoofer and audio system.

VIBE will not be held responsible for any damage caused to your audio system by the misuse of this product.

Connections and Controls



Front panel

1. AUX input

Low level input that can be connected to IPOD / MP3 player / DVD player / games console via the supplied 3.5mm stereo jackplug lead.

2. SUB level control

This control sets the subwoofer level for the main input.

3. Main / AUX input switch

This switch switches between main and AUX input.

4. Crossover frequency control

This control is used to set the low pass crossover point for the output.

The frequency can be adjusted from 40Hz to 400Hz.

5. Bass boost level control

This control provides bass boost at the selected frequency for the main input.

The level can be adjusted from 0dB to 12dB.

6. Bass boost frequency control

This control sets the frequency of the bass boost for the main input.

The frequency can be adjusted from 40Hz to 120Hz

7. Tone frequency control

This control is used to set the frequency of the tone generator.

The frequency can be adjusted from 30Hz to 300Hz

8. Tone level control

This control sets the level for the tone generator.

WARNING : The tone level control is in no way connected to the main input of the unit.

The level of the output of the tone generator is set by this control only and excessive levels will cause permanent damage to your subwoofer which will not be covered by the manufacturers warranty.

9. Normal / tone generator select switch

This control switches between normal [main and AUX input] and tone generator.

NOTE : When this switch is pressed the normal operation will cease and the unit switches into tone generator mode.

10. Remote turn on output switch

This switch turns the +12 volt remote output on or off.

Rear panel

11. Main input RCA connection

For connection to the RCA outputs of your source (headunit).

VIBE recommends that the subwoofer output from the source is used where available.

12. Output RCA connection

For connection to the RCA inputs of the subwoofer amplifier.

13. Bass remote input jack socket

For connection to the supplied bass remote control.

14. Power connections

Ground – connect to the chassis ground of the vehicle.

Remote in – connect to the remote amplifier turn on wire of the source unit.

+12 volt in – connect to the positive terminal of the battery or an alternative permanent +12 volt supply.

Remote out – connect to additional devices that require a switched +12 volt supply.

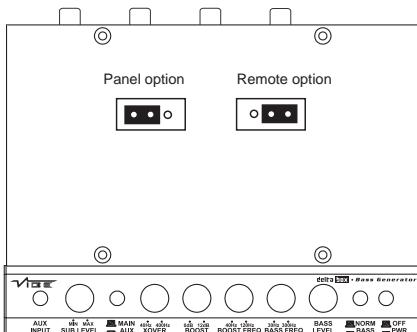
Jumper settings

The Deltabox Bass Generator is equipped with 2 internal jumpers.

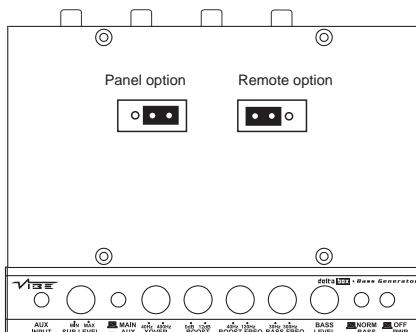
These jumpers set the operation of the tone generator to either 2 second operation or constant operation for the panel button and the remote control. In the factory preset mode when either the remote control or panel button for the tone generator is pressed the chosen tone will play through the subwoofer for 2 seconds before switching off and returning to normal music. With the jumpers set to constant operation the tone will play for as long as the button is pressed.

WARNING : The Deltabox Bass Generator comes preset from the factory with the jumpers set for 2 second operation of the tone generator in order to minimize the risk of damage to the subwoofer.
Extended use of tone generator will cause permanent damage to the subwoofer which will not be covered by the manufacturers warranty. VIBE strongly recommends that the Deltabox Bass Generator is left in the factory preset configuration of 2 second operation for the tone generator.

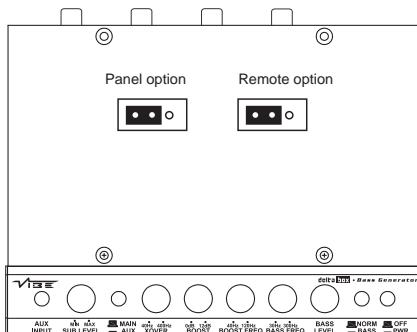
Remote jumper setting : constant operation
Panel jumper setting : constant operation



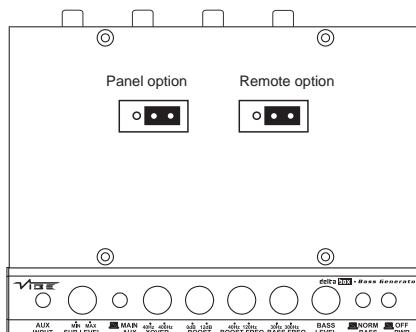
Remote jumper setting : 2 second operation
Panel jumper setting : 2 second operation

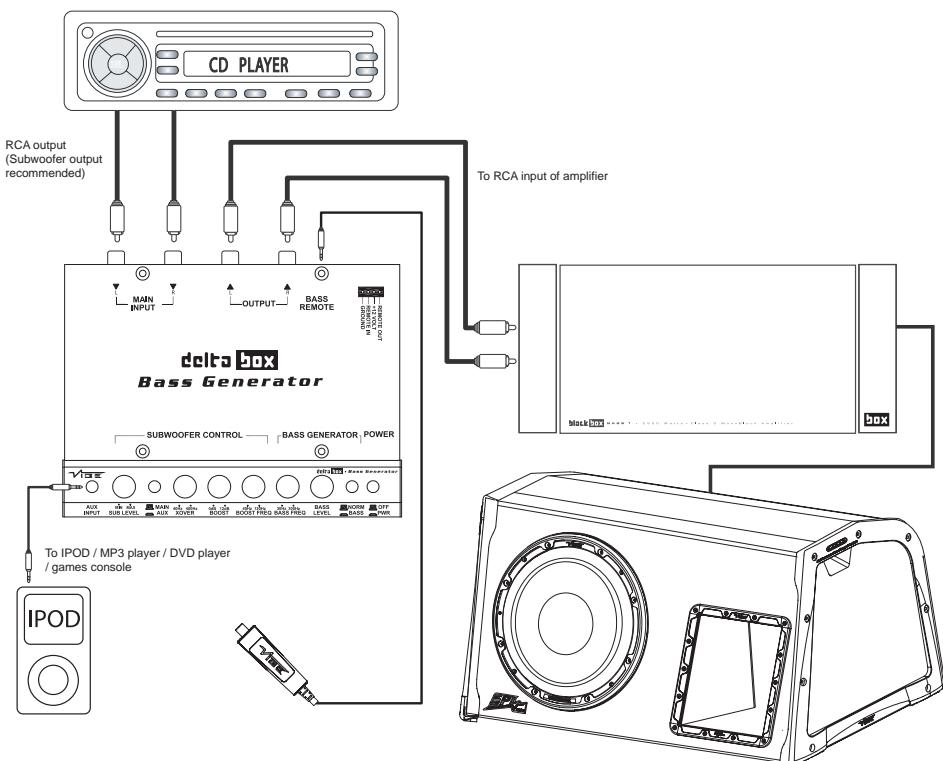
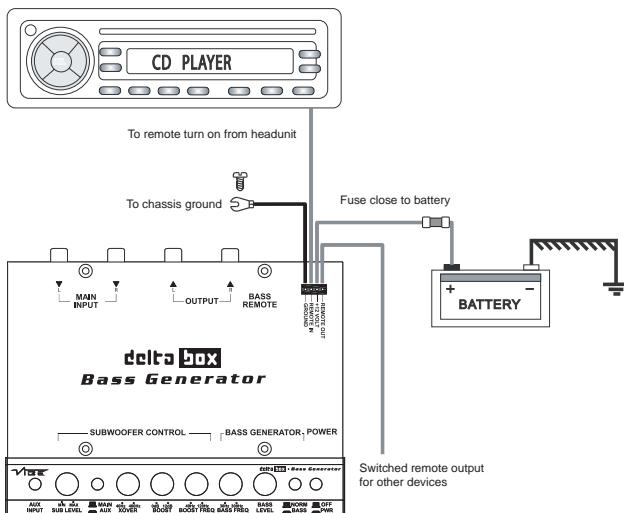


Remote jumper setting : 2 second operation
Panel jumper setting : constant operation



Remote jumper setting : constant operation
Panel jumper setting : 2 second operation





Set up guide

Main input / Aux input

Set the SUB LEVEL control to the minimum setting.

Set the CROSSOVER control to the desired frequency. This will vary depending on the type of subwoofer system that have. As a rough guide if you prefer deep bass set the frequency between 40Hz - 60Hz, and 80Hz - 120Hz for punchy bass.

Set the volume level of the source to around 3/4 or just below the point of the speakers beginning to distort.

Slowly rotate the SUB LEVEL control until either the desired subwoofer level is reached or just below the point of distortion.

NOTE : As there is likely to be a difference between the level of an auxiliary source and the main input, it may be necessary to alter the SUB LEVEL control for each source.

Bass Boost

Set the BASS BOOST level control to the minimum setting.

Set the BASS BOOST frequency control to the desired frequency. To add more depth to the bass set the frequency between 40Hz - 60Hz, to add more impact set the frequency between 70Hz - 120Hz

With music playing at full volume without distortion slowly rotate the BASS BOOST control until either the desired sound is reached or just below the point of distortion.

Tone generator

The tone generator will play a single frequency tone at the push of a button – Bass on demand!

Set the TONE LEVEL control to the minimum setting.

Set the TONE FREQUENCY control to the desired frequency

With either the TONE GENERATOR select switch or BASS REMOTE pressed, slowly rotate the TONE LEVEL control until either the desired level is reached or just below the point of distortion.

WARNING : The TONE GENERATOR level is unrelated to the main and AUX inputs, the level is set by the TONE LEVEL control. Excessive use of the TONE GENERATOR will cause permanent damage to the subwoofer that will not be covered by the manufacturers warranty.

Troubleshooting

Unit will not switch on

Check that there is +12 volts present on the +12 volt and remote in terminal and that the ground terminal is connected to a good chassis ground

Check the fuse on the +12 volt wire has not blown

No Sound

Check that the correct input (Main or AUX) is selected.

If the Bass amplifier is connected to the REMOTE TURN ON OUTPUT ensure that the REMOTE TURN ON switch is set to "ON"

Check that the jumpers are correctly set.

Distorted sound (Main and AUX input)

Check that the SUB LEVEL control is not set too high.

Check that the BASS BOOST level control is not set too high.

Check that the BASS BOOST frequency is not set too low for your bass enclosure.

Distorted sound (Tone generator)

Check that the TONE LEVEL control is not set too high.

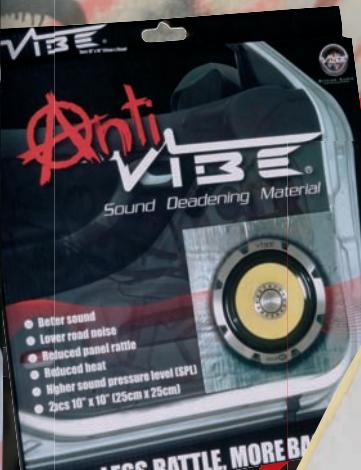
Check that the TONE FREQUENCY control is not set too low for your bass enclosure.

Notes



Sound Deadening Material

LESS RATTLE, MORE BASS



- Better sound
- Lower road noise
- Reduced panel rattle
- Reduced heat
- Higher sound pressure level (SPL)



Available at all VIBE DEALERS
OR VISIT
www.vibeaudio.co.uk





In order to protect your purchase and aid your warranty please fill in the following form and keep it safe for your future reference:

Model Number:

Serial Number:

Purchased From:

Date of Purchase:

KEEP IT SAFE
Staple your receipt here:

Limited Warranty

All VIBE products carry a full twelve months warranty, valid from the date of the original receipt / proof of purchase. In order to validate this warranty, the warranty card should be returned to VIBE within seven days of the original purchase date. The original receipt and packaging should also be retained for this twelve month period.

If at any stage during the warranty period you have a problem with the product then it should be returned to the point of purchase, with proof of purchase in its original packaging, complete with no items missing.

If the store is unable to fix the product it may have to be returned to VIBE this process takes around 7 working days.

A full description of VIBE's warranty information can be found on our website:

www.vibeaudio.co.uk/warranty

A written version can also be obtained from
VIBE warranty Dept, PO BOX 11000, B75 7WG

Technical enquires
call 09067031420

call cost 50p per minute Call costs correct at date of publication (02/02/08) Hours of business 9.00am - 5.30pm all calls are recorded for training purposes MIDBASS Distribution PO Box 11000.B75 7WG

Copyright

All content included in this manual such as text, graphics, logos, icons, images and data, are the property of VIBE Technologies Limited (herein referred to as "VIBE", "us" or "we") and its affiliate or their content and technology providers, and are protected by United Kingdom and International copyright laws. All rights reserved.2008

All stylised representations of product names, or the abbreviations of product names, as logos are all trademarks of VIBE. Graphics and logos are trademarks or trade dress of VIBE Technologies Ltd or its subsidiaries.

VIBE's trademarks and trade dress may not be used in connection with any product or service that is not VIBE's, in any manner that is likely to cause confusion among customers or in any manner that disparages or discredits VIBE. All other trademarks not owned by VIBE or its subsidiaries that appear in this manual are the property of their respective owners, who may or may not be affiliated with, connected to, or sponsored by VIBE or its subsidiaries.

TO THE FULLEST EXTENT PERMITTED AT LAW, VIBE IS PROVIDING THIS MANUAL AND ITS CONTENT ON AN "AS IS" BASIS AND MAKES NO (AND EXPRESSLY DISCLAIMS ALL) REPRESENTATIONS OR WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THIS MANUAL OR THE INFORMATION, CONTENT, MATERIALS OR PRODUCTS INCLUDED IN THIS MANUAL INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN ADDITION, VIBE DOES NOT REPRESENT OR WARRANT THAT THE INFORMATION CONTAINED IN THIS MANUAL IS COMPLETE OR CURRENT, AND THAT ALL SPECIFICATIONS AND INFORMATION CONTAINED WITHIN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE.

VIBE RECOMMEND CAUTION WHEN LISTENING TO MUSIC REPRODUCED THROUGH VIBE EQUIPMENT. VIBE EQUIPMENT IS CAPABLE OF PRODUCING SOUND AND SOUND PRESSURE LEVELS THAT CAN PERMANENTLY DAMAGE HEARING OF YOU AND THAT OF OTHERS. FOR SAFE AND ENJOYABLE LISTENING, THE SOUND SHOULD BE CLEAR AND PLEASANT, WITH NO DISTORTION, AND A COMFORTABLE VOLUME.

BY USING ANY VIBE EQUIPMENT, YOU AGREE TO TAKE FULL RESPONSIBILITY FOR YOUR OWN SAFETY AND THE SAFETY OF OTHERS WHEN LISTENING TO MUSIC AT HIGH VOLUMES THROUGH EQUIPMENT YOU HAVE PURCHASED. USE OF ANY VIBE EQUIPMENT CONSTITUTES AGREEMENT TO THIS DISCLAIMER.

Except as specifically stated in this manual, to the fullest extent permitted at law, neither VIBE nor any of its affiliates, directors, employees or other representatives will be liable for damages arising out of or in connection with the use of this manual or the information, content, materials or products included.

This is a comprehensive limitation of liability that applies to all damages of any kind, including (without limitation) compensatory, direct, indirect or consequential damages, loss of data, income or profit; loss or damage to property and claims of third parties. For the avoidance of doubt, VIBE does not limit its liability for death or personal injury to the extent only that it arises as a result of negligence of VIBE, its affiliates, directors, employees or other representatives.

FLATBASS™ 13 SPK Bass speaker cable

There are many powerful bass amplifiers on today's market - the ever increasing power is putting huge strains on speaker wire - VIBE presents a new breed of speaker cable specially developed for BASS applications - the VIBE FLATBASS speaker cable offers SolidCores™ that can handle and sustain considerably more power than conventional speaker cable.

Model: FlatBass 13 SPK - 13 gauge SolidCore™ flat BASS speaker cable

VIBE 140 amp circuit breaker

Big systems require big protection - The VIBE circuit breaker is rated at a massive 140 amps and offers critical protection to your system - if the system over powers or short circuits the breaker will cut in and save your equipment. No need to replace expensive fuses, system is reset via a simple switch - also offers safe and instant system shutdown.

Model: CB140 - 140 amp circuit breaker

FLAT Y 2M / FLAT 2F RCA Y leads

Our professional quality full range OFC Y-Interconnect guarantees a pure and strong signal. With a flat design and ferrite loaded gold plated plugs interference is greatly reduced. The FLAT-Y Interconnect is available in 1 male - 2 female FLAT Y 2F and 2 male - 1 female FLAT Y 2M configurations.

Model: FLAT Y 2F - 1 pair RCA Y lead 1male to 2female

Model: FLAT Y 2m - 1 pair RCA Y lead 2male to 1female

VIBE BC10 level controller

The VIBE BC10 gain level controller is a perfect addition to any subwoofer system. The BC10 allows the level of the amplifier to be controlled from the driver's seat giving the user easy adjustment of gain level. Particularly useful for adjusting the gain level for amplifiers controlling subwoofers. The BC10 controller is RCA input and output making it compatible with any system allowing gain level adjustment of any amplifier it is connected to. It can also be used with full range amplifiers.

Model: BC10 - RCA Gain level control

Slick level remote

A new addition to the Slick range of amplifiers is the Slick level control which allows level adjustment of the amplifier from the front of the car - Simply plug the supplied cable into the Slick remote level port on the end panel of the amplifier and remote gain control is yours, it is that easy.

Model: SLR1 - optional remote for use with all Slick amplifiers

VIBE PortPlug™

The VIBE PortPlug allows easy tuning of the VIBE CBR bass enclosures. The PortPlug™ is used to tightly seal the VIBE TurboPort™ in the enclosure to either create a sealed enclosure for better transient response or in the case of a multi ported enclosure re-tune the enclosure using only 1 PortPlug™.

Model: PP25 - PortPlug™ for 2.5" TurboPort™

Model: PP30 - PortPlug™ for 3" TurboPort™

VIBE official Merchandise

MPS - VIBE polo shirt with embroidered VIBE logo on front and rear

MTS - VIBE T-shirt with small VIBE printed logo on front

MCD - VIBE CD case, containing exclusive VIBE bass tracks as featured on the Bass Tunnel and VIBE Dredd.

MCC - VIBE CD case, metallic silver CD case with VIBE logo.

VFL - VIBE fleece with embroidered logo on the front and large on back.

VTD - VIBE tax disc holder, stylish silver tax disc holder featuring VIBE logo.

VIBE SD4 / 5 subwoofer defender grill

The new VIBE subwoofer defender not only provides protection for your sub but also adds style with its metallic badge and black rubberised steel construction allow it to integrate perfectly with the VIBE EVO enclosures

Model: SD4 - sub grill fits both 10" and 12" subwoofers

Model: SDS - sub grill fits 15" subwoofers

VIBE GB41 banana plug

The VIBE GB41 banana plugs are the easy and convenient way to quickly remove your bass enclosure without having to constantly re-thread your speaker cable into the box terminal, simply attach the speaker cable to the VIBE GB41 banana plug and you have a reliable quick release solution. Designed for optimum use with the TP2 and GP4 terminal, our professional gold plated 4mm banana plugs are polarity marked and feature rubber shrouds.

Model: GB41 - Gold Banana plug

VIBE DB6 non fused distribution block

The VIBE DB6 non fused distribution block is a professional non fused distribution block which gives easy connection for up to 5 amplifiers. The VIBE DB6 has 1 x 4AWG input and 4 x BAWG outputs which can be used for power distribution or ground distribution giving a common grounding point for all system components eliminating the risk of ground loop interference.

Model: DB6 non fused distribution block

VIBE FD4 fused distribution block

The VIBE FD4 fused distribution block is a professional AGU fused distribution block which gives easy connection for up to 4 amplifiers. The VIBE FD4 has 1 x 4AWG input and 4 x BAWG outputs each individually fused up to a maximum of 80 amps (AGU fuses available separately)

Model: FD4 - 4 way AGU fused distribution block, 1 x 4 gauge input 4 x B gauge outputs

VIBE CTO / CT4 compression fit ring terminal

The VIBE CT range of gold plated ring terminals are professional compression fit designed for maximum conductivity when connecting power cable to the vehicle battery. The VIBE RT compression fit terminals are the best way to connect heavy gauge power cable to the vehicles battery.

Model: CTO - 0 gauge compression fit ring terminal

Model: CT4 - 4 gauge compression fit ring terminal

VIBE RT4 / RT8 crimp on ring terminal

The professional range of VIBE RT gold plated ring terminals for connecting power cable to the vehicle battery. Packed in pairs of 10, 10 red and black rubber over boots with an easy crimp design.

Model: RT8 - 1 pair of 8 gauge crimp on ring terminals with PVC overboots

Model: RT4 - 1 pair of 4 gauge crimp on ring terminals with PVC overboots

VIBE AGU00, AGU02, AGU04 fuses

The VIBE AGU fuses series are the perfect companion to the VIBE FD4 fused distribution block and the Active and stereo system wiring kits.

Model: AGU00 - 1 pair 30 amp AGU fuses to fit all AGU fuse holders

Model: AGU02 - 1 pair 60 amp AGU fuses to fit all AGU fuse holders

Model: AGU04 - 1 pair 80 AGU fuses to fit all AGU fuse holders

All Accessories are available direct, for next day delivery call 0870 765 8423 or visit www.vibeaudio.co.uk/shop (UK ONLY)

For more product info see www.vibeaudio.co.uk



The CriticalLink™ range of FLAT series cabling from VIBE

The VIBE CriticalLink range of cabling has been developed to achieve the critical link between source (headunit), amplifier and speakers - VIBE audio equipment is high quality, using anything less than the VIBE CriticalLink™ range of cables will severely compromise your equipment and will not allow it to perform to its maximum potential.

NOTE: Your audio equipment will only ever be as good as the cables you use to connect it. The link between your audio equipment is critical for a bigger cleaner sound.

VIBE cabling and interconnects can enhance your system power and sound quality by more than 20% over other brand cable.

All Accessories are available direct, for next day delivery call 0870 765 8423 or visit www.vibeaudio.co.uk/shop (UK ONLY)

For more product info see www.vibeaudio.co.uk



BASS SYSTEM KIT

The VIBE 300Watt BASS KIT is specifically designed to gain maximum output from high power Bass systems. Featuring the best BASS specific cables from the VIBE CriticalLink™ Range.

FLATLINES® 14AWG PWR Power and Ground cable

FLATBASS® RCA SolidCore™ Interconnect

FLATBASS® 13 SPK Bass speaker cable

FLATLINES™ remote 18A

VIBE 140 amp circuit breaker

All cable is terminated with crimped terminal rings in place and accessory fitting kit

CONTENTS:

This kit is compatible with the majority of amplifiers on the market - VIBE recommends this kit for all VIBE BASS monoblock amplifiers new, current and old models.



Model: Bass Kit - Bass specific amplifier wiring kit



STEREO SYSTEM KIT

The VIBE 1500Watt STEREO KIT is specifically designed to gain maximum output from high power full range systems. Combining the best full range cables from the VIBE CriticalLink™ range.

Contents of this Kit:

FLATLINES® 14AWG PWR Power and Ground cable

VIBE FLATEREOP® RCA - OFC high definition full range interconnect

FLATLINES™ remote 18A

FLATBASS® speaker cable

AGU Fuse Holder

All cable is terminated with crimped terminal rings in place and accessory fitting kit

COMPATIBILITY

This kit is compatible with the majority of amplifiers on the market - VIBE recommends this kit for all VIBE full range STEREO amplifiers new, current and old models.



Model: Stereo Kit - full range stereo amplifier wiring kit



ACTIVE SYSTEM KIT

The VIBE 1500Watt ACTIVE BASS KIT is specifically designed to gain maximum output from high power Active Bass systems (Bass Boxes). Featuring BASS specific components from the VIBE CriticalLink™ range.

Contents of this Kit:

FLATLINES® 14AWG PWR Power and Ground cable

FLATLINES™ RCA SolidCore™ Interconnect

FLATLINES™ remote 18A

AGU Fuse Holder

FastPlug™

COMPATIBILITY

This kit is compatible with the majority of amplifiers on the market - VIBE recommends this kit for all VIBE active bass enclosures new, current and old models.



Model: Active Kit - Bass specific active enclosure wiring kit



PC 15
1.5 farad
power capacitor

The VIBE 1.5 farad power capacitor is a must for any high performance audio system. VIBE's 1.5 farad power capacitor bridges the gap between the vehicles battery and the amplifiers ensuring rapid smooth current flow resulting in louder, tighter bass and clean crisp midrange and treble. The built in digital voltage display constantly and accurately displays the systems DC voltage. All new VIBE power distribution block is built into the top of the capacitor to allow easy wiring into the system and also will allow 3 amplifiers to be wired directly to the capacitor for maximum current flow to the amplifiers.

Model: PC15



deltabox

The Deltabox line driver is the ideal solution for those looking to install multiple amplifiers from a single RCA preout. Most people use RCA "Y" splitters for this task unaware of the signal degradation caused. The Deltabox not only divides the signal but also isolates and boosts the signal up to a maximum of 9 volts independently for each of the 3 output channels giving much cleaner sound and excellent signal to noise ratio. For SPL competition the Deltabox is an essential tool as each of the outputs can be split 4 times giving control of 12 amplifiers from a single gain enabling precise adjustment of the system without having to reset every amplifier individually. Additionally if your headunit has a weak preout or you wish to run multiple amps but only have one output the Deltabox™ is your ideal solution. **Model: DELTABOX**



FAST PLUG

The VIBE FastPlug™ (pat. pending) is a product long overdue. Designed and developed by VIBE Engineers the plug offers safe, fast removal of your active bass enclosure (bass box) or amplifier. You wish to remove your system for security reasons, or for the full use of your boot space, whatever the reason the VIBE FastPlug makes it easy and safe.

The plug is a heavy duty connector that connects positive, negative and remote wires. It is made up of 2 parts - one end to connect to your equipment and the other to your power source - made from high quality ABS plastic the device is tough and hard wearing. **Model: FASTPLUG**



FLATLINES™ Power and Ground Cable

The VIBE FlatFlex Power and Ground cable has been developed to maximises voltage transfer from battery to amplifier - The cable has 2 main lines running side by side which are made up of fine copper strands - This design makes the cable flat allowing us to make very slim heavy duty power cable which is highly flexible easing installation.

Available in: system kits, by the roll or by the metre

Model: FLATLINES B PWR - 8gauge red power cable **Model: FLATLINES B GND - 8gauge black power cable**

Model: FLATLINES 4 PWR - 4gauge red power cable **Model: FLATLINES 4 PWR - 4gauge red power cable**

Model: FLATLINES 0 PWR - 0gauge red power cable **Model: FLATLINES 0 GND - 0gauge black power cable**



FLATLINES™ High Definition full range Interconnect

The VIBE FLATERO RCA is an OFC high definition full range interconnect - delivering the fullest signal possible from source to amplifier - the cable make up has been developed to run flat with left and right cables running parallel both with individual screening but twisting, an outer FLAT jacket easing installations.

Available in: 1metre

Model: FlatStereo RCA 1m - 1 metre full range interconnect

Model: FlatStereo RCA 5m - 5 metre full range interconnect



FLATBASS™ - SolidCore™ Bass interconnect

The VIBE FLATBASS™ interconnect has been specifically developed for use in BASS SYSTEMS - the cable make up has a unique super FLAT™ design easing installation - its trick ingredient is oversized SolidCore™ OFC signal wires - allowing a heavier voltage to be passed down the cable. This is the central wire that carries the main signal from source to amplifier.

Available in:

Model: FlatBass RCA 1m - 1 metre BASS interconnect

Model: FlatBass RCA 5m - 5 metre BASS interconnect



FLATLINES™ High Definition speaker cable

The delivery of power and signal to the speaker is the final CriticalLink™ in any audio system - VIBES FlatFlex OFC high definition speaker cable is produced from super fine OFC copper strands collectively picking up all the detail in your music - the multi strands are aligned in a row making the cable super FLAT™ which can be run invisibly under carpets.

Available in:

Model: FlatFlex 16 SPK - 16 gauge High definition flat flexible speaker cable

Model: FlatFlex 12 SPK - 12 gauge High definition flat flexible speaker cable